

the load point and the gimbal portion including opposed spaced gimbal beams on opposed sides of the load point; and

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a plurality of bending assemblies including a first bending assembly (coupled) to one of said gimbal beams and a second bending assembly (coupled) to another of said gimbal beams and the first and second bending assemblies being energizable to adjust pitch and roll attitudes of the head assembly.

8. (Amended) A head suspension as claimed in claim 7, wherein the first bending assembly includes a first bending element energizable via a first electrical interface coupled to the first bending element and the second bending assembly includes a second bending element energizable via a second electrical interface coupled to the second bending element to independently energize the first and second bending elements to adjust the roll attitude of the head assembly.

9. (Amended) A head suspension as claimed in claim 7, wherein: the first bending assembly includes a first bending element on the one of said gimbal beams and the second bending assembly includes a second bending element on the other of said gimbal beams and the first and second bending elements are formed of a thermally expandable material forming a bi-metal structure having different coefficients of thermal expansion.

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11. (Amended) A head assembly as claimed in claim 7 wherein: the plurality of bending assemblies include a bending element formed of a piezoelectric material.

12. (Amended) A head suspension as claimed in claim 7, wherein:  
the first bending assembly includes a first bending  
element on the one of said gimbal beams and the  
second bending assembly includes a second bending  
element on the other of said gimbal beams and the  
first and second bending elements have an  
elongated length extending along an elongated  
length portion of the gimbal beams.

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14. (Amended) A head suspension as claimed in claim 8, wherein  
the first and second bending elements include opposed leading and  
trailing ends and the first and second electrical interfaces  
include opposed leads coupled proximate to the opposed leading  
and trailing ends of the first and second bending elements.

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21. (Amended) A head suspension as claimed in claim 16, wherein:  
a first electrical interface is coupled to the at least one  
bending element on the first side of the roll axis and  
a second electrical interface is coupled to the at  
least one bending element on the second opposed side of  
the roll axis to independently energize the first and  
second bending elements to adjust the roll attitude of  
the head.

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34. (Amended) The head suspension assembly of claim 1 wherein the  
means for controlling roll attitude includes a plurality of  
bending elements on opposed sides of the roll axis.

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37. (Amended) The head assembly of claim 9 wherein the opposed  
spaced gimbal beams have a different coefficient of thermal  
expansion than the first and second bending elements to form the  
bi-metal structure having the different coefficients of thermal  
expansion.

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38. (Amended) The head assembly of claim 7 wherein the first and second bending assemblies are energized based upon a radial position based upon a radial position of the head assembly relative to the disc.

Please add new claims 44-45 as follows:

44. (New) A head assembly comprising;  
a head suspension assembly including a gimbal portion;  
a head assembly coupled to the gimbal portion to pitch and roll about a pitch axis and a roll axis defined relative to a load point; and  
a bending assembly including a bending element spaced from the roll axis and the bending assembly being energizable to adjust a roll attitude of the head assembly relative to the roll axis.

45. (New) The head assembly of claim <sup>39</sup>44 including a plurality of bending assemblies including a first bending assembly including a first bending element spaced from the roll axis in a first direction and a second bending assembly including a second bending element spaced from the roll axis in a second direction opposite to the first direction and the first and second bending assemblies being energizable to adjust the roll attitude of the head assembly relative to the roll axis.